



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yousuke Yamada
Serial No. : 09/931,973
Filed : August 17, 2001
Title : FILTER DEVICE

Art Unit : 1723
Examiner : Menon, Krishnan S

Commissioner for Patents
Washington, D.C. 20231

#914
1/22/03
MW

RESPONSE

In response to the action mailed August 12, 2002, please amend the application as follows:

In the claims:

Please amend claims 1 to 11 as follows:

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-- 1. (Amended) A filter device comprising:
a plurality of hollow fiber membranes having a bundled end and a free end, and said free end arranged to spread in fluid; and
injection means for injecting fluid or gas to a center portion of said plurality of hollow fiber membranes and outwardly radiating the fluid or gas from the center portion of said plurality of hollow fiber membranes to agitate the hollow fiber membranes.

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2. (Amended) A filter device comprising:
a filter cylinder;
a plurality of hollow fiber membranes having a bundled end and a free end, and said free end arranged to spread within said filter cylinder; and

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

January 3, 2003
Date of Deposit

Carol Tyrrell
Signature

Carol Tyrrell
Typed or Printed Name of Person Signing Certificate